

## ABSTRACT

Color graphic-based receipts can be issued from a color printer without changing a monochrome, text-based application. The printer generates background image data by laying out multiple copies of unit image data representing a unit image used to build the background pattern, and then applying a filter. When print data is sent from the terminal, the printer adds this background image data to the print data to produce the print data with an embedded background image. The print data with embedded background image is then printed to receipt.